

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 April 2005 (14.04.2005)

PCT

(10) International Publication Number  
**WO 2005/033670 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 1/44, 33/24**

(21) International Application Number:  
PCT/NZ2004/000238

(22) International Filing Date: 1 October 2004 (01.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
528638 3 October 2003 (03.10.2003) NZ

(71) Applicant (for all designated States except US): **AGRE-SEARCH LIMITED** [NZ/NZ]; East Street, Ruakura Campus, Hamilton (NZ).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RAJENDRAM, Gordon, Shanthakumar** [NZ/NZ]; 118 Hillcrest Road, Hamilton (NZ). **FREW, Dale** [NZ/NZ]; 564 Matangi Road, Matangi, Hamilton (NZ).

(74) Agents: **WILSON, Kathryn, S. et al.**; Level 3, Spicer Building, 329 Durham Street, P.O. Box 2201, Christchurch (NZ).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

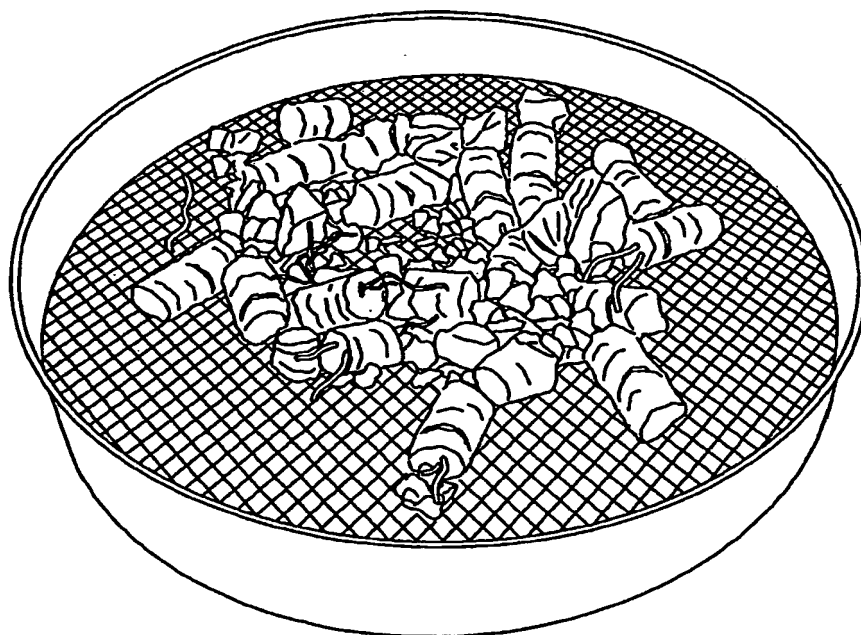
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: **RAPID SOIL DRYING**



(57) Abstract: A method and assembly are described to dry soil for use in testing a variety of physical and chemical parameters such as phosphorus content. The method broadly involves the steps of particle size reduction, subjecting the sample to an airflow and also heating of the soil sample. It is the inventors experience that by use of the method of the present invention, samples can be prepared for accurate analysis with as little as 20 minutes rather than the more traditional methods which take 20 to 24 hours.



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*